

WHAT IS CLAIMED IS:

- 1 1. A mixed irradiation evaluation support system for supporting
2 judgment and determination of allocation of contribution in mixed
3 irradiation using proton beams and X-rays, comprising:
4 a means for composing dose distributions of proton beams and
5 X-rays in a human body, according to a designated composition ratio;
6 and
7 a display means for displaying a composite dose distribution
8 three-dimensionally.
- 1 2. A mixed irradiation evaluation support system for supporting
2 judgment and determination of allocation of contribution in mixed
3 irradiation using proton beams and X-rays, comprising:
4 a means for composing dose distributions of proton beams and
5 X-rays in a human body, according to a designated composition ratio;
6 and
7 a display means for displaying an isodose map in a designated
8 cross section in the human body with respect to a composite dose
9 distribution.
- 1 3. A mixed irradiation evaluation support system for supporting
2 judgment and determination of allocation of contribution in mixed
3 irradiation using proton beams and X-rays, comprising:
4 a means for composing dose distributions of proton beams and
5 X-rays in a human body; and

6 a display means for displaying a dose distribution on a
7 designated line in the human body, with respect to a designated range
8 of a composition ratio.

1 4. A mixed irradiation evaluation support system for supporting
2 judgment and determination of allocation of contribution in mixed
3 irradiation using proton beams and X-rays, comprising:

4 a means for composing dose distributions of proton beams and
5 X-rays in a human body; and

6 a display means for displaying a dose value at a designated
7 point in the human body, with respect to a designated range of a
8 composition ratio.

1 5. A mixed irradiation evaluation support system for supporting
2 judgment and determination of allocation of contribution in mixed
3 irradiation using proton beams and X-rays, comprising:

4 a means for composing dose distributions of proton beams and
5 X-rays in a human body; and

6 a display means for displaying DVH for a designated tissue in
7 the human body, with respect to a designated range of a composition
8 ratio.

1 6. A mixed irradiation evaluation support system, comprising:

2 a means for composing dose distributions of proton beams and
3 X-rays in a human body; and

4 a display apparatus for displaying a composite dose
5 distribution three-dimensionally.

- 1 7. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose distributions of proton beams and
3 X-rays in a human body; and
4 a display apparatus for displaying an isodose map in a
5 designated cross section in the human body with respect to a
6 composite dose distribution.
- 1 8. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose distributions of proton beams and
3 X-rays in a human body; and
4 a display apparatus for displaying a dose distribution on a
5 designated line in the human body, with respect to a designated range.
- 1 9. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose value of proton beams and X-rays
3 in a human body; and
4 a display apparatus for displaying a dose value at a designated
5 point in the human body, with respect to a designated range.
- 1 10. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose distributions of proton beams and
3 X-rays in a human body; and
4 a display apparatus for displaying DVH for a designated tissue
5 in the human body, with respect to a designated range.
- 1 11. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose distributions of proton beams and
3 X-rays in a human body, according to a designated composition ratio;

4 and
5 a display apparatus for displaying a composite dose
6 distribution three-dimensionally.

1 12. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose distributions of proton beams and
3 X-rays in a human body, according to a designated composition ratio;
4 and
5 a display apparatus for displaying an isodose map in a
6 designated cross section in the human body with respect to a
7 composite dose distribution.

1 13. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose distributions of proton beams and
3 X-rays in a human body; and
4 a display apparatus for displaying a dose distribution on a
5 designated line in the human body, with respect to a designated range
6 of a composition ratio.

1 14. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose value of proton beams and X-rays
3 in a human body; and
4 a display apparatus for displaying a dose value at a designated
5 point in the human body, with respect to a designated range of a
6 composition ratio

1 15. A mixed irradiation evaluation support system, comprising:
2 a means for composing dose distributions of proton beams and

- 3 X-rays in a human body; and
- 4 a display apparatus for displaying DVH for a designated tissue
- 5 in the human body, with respect to a designated range of a
- 6 composition ratio.